

10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

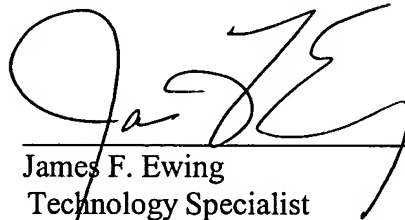
APPLICANTS: Fouser, *et al.*
SERIAL NUMBER: 10/047,264
FILING DATE: January 14, 2002
EXAMINER: Not Assigned Yet
ART UNIT: 1645
FOR: TYPE 2 CYTOKINE RECEPTOR AND NUCLEIC ACIDS ENCODING
SAME

U.S. Patent and Trademark Office
BOX Sequence, P.O. 2327
Arlington, VA 22202

**STATEMENT IN SUPPORT OF COMPUTER READABLE
FORM SUBMISSION UNDER 37 C.F.R. § 1.821(f)**

I hereby state that the content of the paper and computer readable forms of the Sequence Listing, submitted in the above-identified application in accordance with 37 C.F.R. § 1.821(c) and 1.821(e), respectively, are the same. No new matter has been added.

Respectfully submitted,



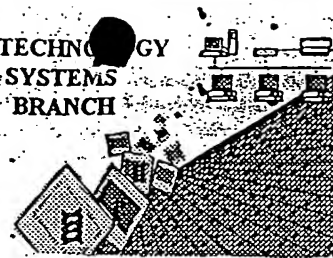
James F. Ewing
Technology Specialist
MINTZ, LEVIN, COHN, FERRIS, GLOVSKY
AND POPEO, P.C.

One Financial Center
Boston, Massachusetts 02111
Tel: (617) 542-6000
Fax: (617) 542-2241

Date: June 17, 2002



BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/047,264

Source: OIPE

Date Processed by STIC: 5-23-02

RECEIVED

JUN 26 2002

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

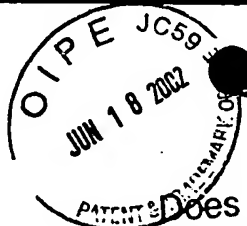
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



Does Not Comply
Corrected Diskette Needed



OIPE

RAW SEQUENCE LISTING

DATE: 05/23/2002

PATENT APPLICATION: US/10/047,264

TIME: 17:09:23

RECEIVED

Input Set : A:\Gi-532.app

JUN 26 2002

Output Set: N:\CRF3\05232002\J047264.raw

TECH CENTER 1600/2900

3 <110> APPLICANT: Fouser, Lynette
 4 Liu, Wei
 5 Deng, Bijia
 7 <120> TITLE OF INVENTION: TYPE 2 CYTOKINE RECEPTOR AND NUCLEIC ACIDS ENCODING
 8 SAME
 10 <130> FILE REFERENCE: 22058-532
 12 <140> CURRENT APPLICATION NUMBER: 10/047264
 13 <141> CURRENT FILING DATE: 2002-01-14
 15 <150> PRIOR APPLICATION NUMBER: 60/261442
 16 <151> PRIOR FILING DATE: 2001-01-12
 18 <150> PRIOR APPLICATION NUMBER: 60/267021
 19 <151> PRIOR FILING DATE: 2001-02-06
 21 <150> PRIOR APPLICATION NUMBER: 60/270835
 22 <151> PRIOR FILING DATE: 2001-02-23
 24 <160> NUMBER OF SEQ ID NOS: 39
 26 <170> SOFTWARE: PatentIn Ver. 2.1

RORED SEQUENCES

1168 <210> SEQ ID NO: 33
 1169 <211> LENGTH: 199
 1170 <212> TYPE: PRT
 1171 <213> ORGANISM: human
 1173 <400> SEQUENCE: 33
 1174 Lys Pro Gln Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu
 1175 1 5 10 15
 1177 Gln Trp Gln Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe
 1178 20 25 30
 1180 Val Gln Tyr Lys Ile Tyr Gly Gln Arg Gln Trp Lys Asn Lys Glu Asp
 1181 35 40 45
 1183 Cys Trp Gly Thr Gln Glu Leu Ser Cys Asp Leu Thr Ser Glu Thr Ser
 1184 50 55 60
 1186 Asp Ile Gln Glu Pro Tyr Tyr Gly Arg Val Arg Ala Ala Ser Ala Gly
 1187 65 70 75 80
 1189 Ser Tyr Ser Glu Trp Ser Met Thr Pro Arg Phe Thr Pro Trp Trp Glu
 1190 85 90 95
 1192 Thr Lys Ile Asp Pro Pro Val Met Asn Ile Thr Gln Val Asn Gly Ser
 1193 100 105 110
 1195 Leu Leu Val Ile Leu His Ala Pro Asn Leu Pro Tyr Arg Tyr Gln Lys
 1196 115 120 125
 -> 1198 Glu Lys Asn Val Ser Ile Glu Asp Tyr Tyr Xaa Glu Leu Leu Tyr Arg
 1199 130 135 140

see page 3

RAW SEQUENCE LISTING

DATE: 05/23/2002

PATENT APPLICATION: US/10/047,264

TIME: 17:09:23

Input Set : A:\Gi-532.app

Output Set: N:\CRF3\05232002\J047264.raw

| | | | | | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1201 | Val | Phe | Ile | Ile | Asn | Asn | Ser | Leu | Glu | Lys | Glu | Gln | Lys | Val | Tyr | Glu |
| 1202 | 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| 1204 | Gly | Ala | His | Arg | Ala | Val | Glu | Ile | Glu | Ala | Leu | Thr | Pro | His | Ser | Ser |
| 1205 | | | | | 165 | | | | | | 170 | | | | | 175 |
| 1207 | Tyr | Cys | Val | Val | Ala | Glu | Ile | Tyr | Gln | Pro | Met | Leu | Asp | Arg | Arg | Ser |
| 1208 | | | | | 180 | | | | | 185 | | | | | | 190 |
| 1210 | Gln | Arg | Ser | Glu | Glu | Arg | Cys | | | | | | | | | |
| 1211 | | | | | 195 | | | | | | | | | | | |

VARIABLE LOCATION SUMMARY

DATE: 05/23/2002

PATENT APPLICATION: US/10/047,264

TIME: 17:09:24

Input Set : A:\Gi-532.app

Output Set: N:\CRF3\05232002\J047264.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

In <220> to <223> section, please explain location of n or Xaa, and which

Residue n or Xaa represents.

Seq#:13; Xaa Pos. 7,10
Seq#:14; Xaa Pos. 11,14
Seq#:15; Xaa Pos. 2,9,13
Seq#:16; Xaa Pos. 12
Seq#:17; Xaa Pos. 2,7,18
Seq#:18; Xaa Pos. 7,9,20
Seq#:19; Xaa Pos. 5,8,13
Seq#:33; Xaa Pos. 139

VERIFICATION SUMMARY

DATE: 05/23/2002

PATENT APPLICATION: US/10/047,264

TIME: 17:09:24

Input Set : A:\Gi-532.app

Output Set: N:\CRF3\05232002\J047264.raw

:427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
:472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
:487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
:515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:16
:540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
:543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:16
:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
:1198 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:33